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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents
Washington, D.C. 20231

04/842,490

Sir:

The undersigned, Nokia Networks Oy, is the assignee of the entire right, title and interest of the issued U.S. patents and pending patent applications identified in the attached appendix, by virtue of properly recorded assignment, from the inventors. The Assignments were recorded in the United States Patent & Trademark Office the reel and frame numbers as indicated. The assignee, through the undersigned representative, hereby revokes any and all powers of attorney heretofore granted and hereby appoints the firm of:



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and individually the partners and associates thereof:

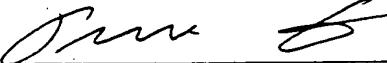
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as attorneys to prosecute the applications and to transact all business in the Patent and Trademark Office connected therewith, and with the issued patents. It is respectfully requested that the records of the United States Patent & Trademark Office be updated to reflect this information, and that all correspondence be sent to the address indicated above.

NOKIA NETWORKS OY

Date: 2/1/2003

By: 
(Signature)

Tommi Lehtinen
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IPR Manager
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APPENDIX

SSD Case No.	Assignee	Application No.	Filing Date	Patent No.	Issue Date	Reel/Frame	Recordation Date
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6028200010	Nokia Networks OY	09/1607,072	29-Jun-2000			011311/0425	16-Nov-2000
6028200011	Nokia Networks OY	09/1608,667	30-Jun-2000			011172/0193	10-Oct-2000
6028200012	Nokia Networks OY	09/1608,945	30-Jun-2000			011315/0068	20-Nov-2000
6028200013	Nokia Networks OY	09/1627,684	28-Jul-2000			011244/0712	13-Nov-2000
6028200014	Nokia Networks OY	09/1688,627	16-Oct-2000			011779/0447	07-May-2001
6028200015	Nokia Networks OY	09/699,064	27-Oct-2000			011504/0930	06-Feb-2001
6028200016	Nokia Networks OY	09/741,135	18-Dec-2000			011746/0058	26-Apr-2001
6028200017	Nokia Networks OY	09/716,711	20-Nov-2000			011690/0418	06-Apr-2001
6028200018	Nokia Networks OY	09/717,535	21-Nov-2000			011727/0337	16-Apr-2001
6028200019	Nokia Networks OY	09/734,070	11-Dec-2000			011651/0746	22-Mar-2001
6028200020	Nokia Networks OY	09/748,505	26-Dec-2000			011690/0190	04-Apr-2001
6028200021	Nokia Networks OY	09/751,036	28-Dec-2000			011690/0200	06-Apr-2001
6028200022	Nokia Networks OY	09/792,499	23-Feb-2001			011818/0100	15-May-2001
6028200023	Nokia Networks OY	09/792,611	23-Feb-2001			011818/0003	15-May-2001
6028200024	Nokia Networks OY	09/824,938	03-Apr-2001			011940/0900	02-Jul-2001
6028200025	Nokia Networks OY	09/824,939	03-Apr-2001			011933/0169	29-Jun-2001
6028200026	Nokia Networks OY	09/825,898	04-Apr-2001			011980/0472	13-Jul-2001
6028200027	Nokia Networks OY	09/840,410	23-Apr-2001			012013/0448	27-Jul-2001

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6028200033	Nokia Networks OY	09/862,127	21-May-2001		012126/0362	31-Aug-2001
6028200034	Nokia Networks OY	09/862,715	22-May-2001		012118/0619	30-Aug-2001
6028200036	Nokia Networks OY	09/876,462	07-Jun-2001	6,493,564	10-Dec-2002	012267/0795
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6028200042	Nokia Networks OY	09/903,901	12-Jul-2001		012398/0975	27-Dec-2001
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6028200045	Nokia Networks OY	09/906,377	16-Jul-2001		012920/0755	24-Jul-2002
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